

WEST Search History

DATE: Friday, May 09, 2003

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
L43	L42 and ((optical or cd) near5 (disks or drives))	5	L43
L42	L41 and extent	15	L42
L41	L40 and volume	52	L41
L40	L39 and (data near5 stor\$)	112	L40
L39	L38 and (file near5 address)	131	L39
L38	(root near5 address)	848	L38
L37	L36 and (file near5 structure)	11	L37
L36	L34 and volume	11	L36
L35	L34 and extent	0	L35
L34	L33 and address	15	L34
L33	l27 and (file near5 management)	18	L33
L32	(5784528 5805537 6181871 6185365)![pn]	8	L32
L31	L30 and (invalid near5 extent)	0	L31
L30	L29 and (volume)	11	L30
L29	L28 and (start address)	11	L29
L28	L27 and (root near5 director\$)	12	L28
L27	(data and record\$ and structure).ti.	444	L27
L26	(data and record\$).ti.	46637	L26
L25	L22 and format\$	0	L25
L24	L22 and extent	1	L24
L23	L22 and ((invalid or valid) near5 (extent))	0	L23
L22	(file\$1 and director\$ and volume and address\$1).ti,ab.	16	L22
L21	L20 and extent	2	L21
L20	L19 and volume	6	L20
L19	L18 and (volume same data\$)	6	L19
L18	L17 and ((cd) or (compact near5 disk\$))	34	L18
L17	(file and structure).ti.	702	L17
L16	(file and structure).ti.	0	L16
L15	(directory and strcuture).ti.	0	L15
L14	(compact and directory and strcuture).ti.	0	L14
L13	(file\$ and directory and strcuture).ti.	0	L13
L12	l4 and l9	6	L12
L11	L10 and (file near5 address)	7	L11

L10	L9 and (disk near5 volume)	11	L10
L9	(optical and file and management).ti.	87	L9
L8	L7 and (read same write)	112	L8
L7	L6 and (data near5 stor\$)	130	L7
L6	L5 and (volume same file)	143	L6
L5	L4 and format\$	445	L5
L4	(file near5 structure) same (file near5 address)	571	L4
L3	L2 and (file near5 address)	4	L3
L2	(file\$1 and director\$ and structure).ti.	55	L2
L1	('5210734')[ABPN1,NRPN,PN,TBAN,WKU]	2	L1

END OF SEARCH HISTORY

WEST

[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 5 of 5 returned.****□ 1. Document ID: US 20020091836 A1**

L43: Entry 1 of 5

File: PGPB

Jul 11, 2002

PGPUB-DOCUMENT-NUMBER: 20020091836

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020091836 A1

TITLE: Browsing method for focusing research

PUBLICATION-DATE: July 11, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Moetteli, John Brent	Geneva 12		CH	

US-CL-CURRENT: 709/227; 709/218[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KMC](#) [Draw Desc](#) [Image](#)**□ 2. Document ID: US 6173291 B1**

L43: Entry 2 of 5

File: USPT

Jan 9, 2001

US-PAT-NO: 6173291

DOCUMENT-IDENTIFIER: US 6173291 B1

TITLE: Method and apparatus for recovering data from damaged or corrupted file storage media

DATE-ISSUED: January 9, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jenevein; Roy M.	Austin	TX		

US-CL-CURRENT: 707/200; 707/202, 707/205, 707/206[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KMC](#) [Draw Desc](#) [Image](#)**□ 3. Document ID: US 5579516 A**

L43: Entry 3 of 5

File: USPT

Nov 26, 1996

US-PAT-NO: 5579516

DOCUMENT-IDENTIFIER: US 5579516 A

** See image for Certificate of Correction **

TITLE: Method for storing data files on a multiple volume media set

DATE-ISSUED: November 26, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Van Maren; David J.	Fort Collins	CO		
Dicorpo; Jeffrey	Fort Collins	CO		

US-CL-CURRENT: 707/1; 710/13, 711/101

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[KMDC](#) | [Drawn Desc](#) | [Image](#)

□ 4. Document ID: US 5119291 A

L43: Entry 4 of 5

File: USPT

Jun 2, 1992

US-PAT-NO: 5119291

DOCUMENT-IDENTIFIER: US 5119291 A

TITLE: Modular data storage directories for large-capacity data storage units wherein the index to the records in a sector is located in the next adjacent sector

DATE-ISSUED: June 2, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Flannagan; William J.	Tucson	AZ		
Kern; Ronald M.	Tucson	AZ		
Kulakowski; John E.	Tucson	AZ		
Wagner; Robert E.	Tucson	AZ		

US-CL-CURRENT: 711/4; 360/72.2, 360/78.14, 369/30.04, 369/47.54, 707/200

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[KMDC](#) | [Drawn Desc](#) | [Image](#)

□ 5. Document ID: US 4827462 A

L43: Entry 5 of 5

File: USPT

May 2, 1989

US-PAT-NO: 4827462

DOCUMENT-IDENTIFIER: US 4827462 A

TITLE: Modular data storage directories for large-capacity data storage units

DATE-ISSUED: May 2, 1989

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Flannagan; William J.	Tucson	AZ		
Kern; Ronald M.	Tucson	AZ		
Kulakowski; John E.	Tucson	AZ		
Wagner; Robert E.	Tucson	AZ		

US-CL-CURRENT: 369/30.09

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)[Generate Collection](#)[Print](#)

Term	Documents
OPTICAL.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1418954
OPTICALS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	302
CD.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	184198
CDS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	29442
DISKS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	120020
DISC.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	605030
DISK.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	530401
DISCS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	163276
DRIVES.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	456342
DRIVE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1833061
(42 AND ((CD OR OPTICAL) NEAR5 (DISKS OR DRIVES))).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	5
(L42 AND ((OPTICAL OR CD) NEAR5 (DISKS OR DRIVES))).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	5

Display Format: [Previous Page](#) [Next Page](#)

WEST

[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 4 of 4 returned.****1. Document ID: US 20020152354 A1**

L3: Entry 1 of 4

File: PGPB

Oct 17, 2002

PGPUB-DOCUMENT-NUMBER: 20020152354

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020152354 A1

TITLE: BUFFERING OF PARTITION TABLES, FILE SYSTEM DIRECTORY STRUCTURES AND INDIVIDUAL FILE CLUSTER CHAINS IN A MASS STORAGE DEVICE

PUBLICATION-DATE: October 17, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
HARMER, TRACY D.	ERIE	CO	US	

US-CL-CURRENT: 711/113; 711/173, 711/4[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#)**2. Document ID: US 5355497 A**

L3: Entry 2 of 4

File: USPT

Oct 11, 1994

US-PAT-NO: 5355497

DOCUMENT-IDENTIFIER: US 5355497 A

TITLE: File directory structure generator and retrieval tool with document locator module mapping the directory structure of files to a real world hierarchical file structure

DATE-ISSUED: October 11, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cohen-Levy, Leon	New York	NY		

US-CL-CURRENT: 707/200; 707/205[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#)**3. Document ID: NN9501109**

L3: Entry 3 of 4

File: TDBD

Jan 1, 1995

TDB-ACC-NO: NN9501109

DISCLOSURE TITLE: Piecewise Directory Mapping for Write-Once Read-Many and Log
Structure File Systems

PUBLICATION-DATA:

IBM Technical Disclosure Bulletin, January 1995, US

VOLUME NUMBER: 38

ISSUE NUMBER: 1

PAGE NUMBER: 109 - 110

SECURITY: Use, copying and distribution of this data is subject to the restrictions in the Agreement For IBM TDB Database and Related Computer Databases. Unpublished - all rights reserved under the Copyright Laws of the United States. Contains confidential commercial information of IBM exempt from FOIA disclosure per 5 U.S.C. 552(b)(4) and protected under the Trade Secrets Act, 18 U.S.C. 1905.

COPYRIGHT STATEMENT: The text of this article is Copyrighted (c) IBM Corporation 1995. All rights reserved.

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KWM](#) | [Draw Desc](#) | [Image](#)

4. Document ID: JP 09073409 A

L3: Entry 4 of 4

File: DWPI

Mar 18, 1997

DERWENT-ACC-NO: 1997-232847

DERWENT-WEEK: 199721

COPYRIGHT 2003 DERWENT INFORMATION LTD

TITLE: Data file management in computer - involves arranging first file group, second file group and third file group in directory of hierarchical structure corresponding to address and position class

PRIORITY-DATA: 1995JP-0229737 (September 7, 1995)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 09073409 A	March 18, 1997		008	G06F012/00

INT-CL (IPC): G06 F 12/00; G06 F 17/30

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KWM](#) | [Draw Desc](#) | [Clip Img](#) | [Image](#)

[Generate Collection](#)

[Print](#)

Term	Documents
FILE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	237150
FILES.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	93545
ADDRESS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	519662
ADDRESSES.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	214991
(2 AND (FILE NEARS ADDRESS)) USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	4
(L2 AND (FILE NEARS ADDRESS)) USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	4

WEST

[Generate Collection](#)[Print](#)

Search Results - Record(s) 1 through 7 of 7 returned.

 1. Document ID: US 20010043805 A1

L11: Entry 1 of 7

File: PGPB

Nov 22, 2001

PGPUB-DOCUMENT-NUMBER: 20010043805

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010043805 A1

TITLE: Optical disc recording apparatus, computer-readable recording medium
recording a file management program, and optical disc

PUBLICATION-DATE: November 22, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Nakatani, Tokuo	Ibaraki		JP	
Gotoh, Yoshiho	Osaka		JP	
Tamakoshi, Yasushi	Hirakata		JP	
Kato, Hiroshi	Kasuga		JP	
Okada, Tomoyuki	Katano		JP	
Murase, Kaoru	Ikoma-gun		JP	

US-CL-CURRENT: 386/126[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[RMD](#) | [Draw Desc](#) | [Image](#) 2. Document ID: US 20010043804 A1

L11: Entry 2 of 7

File: PGPB

Nov 22, 2001

PGPUB-DOCUMENT-NUMBER: 20010043804

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010043804 A1

TITLE: Optical disc recording apparatus, computer-readable recording medium
recording a file management program, and optical disc

PUBLICATION-DATE: November 22, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Nakatani, Tokuo	Ibaraki		JP	
Gotoh, Yoshiho	Osaka		JP	
Tamakoshi, Yasushi	Hirakata		JP	
Kato, Hiroshi	Kasuga		JP	
Okada, Tomoyuki	Katano		JP	
Murase, Kaoru	Ikoma-gun		JP	

US-CL-CURRENT: 386/126

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#)**3. Document ID: US 6370325 B2**

L11: Entry 3 of 7

File: USPT

Apr 9, 2002

US-PAT-NO: 6370325

DOCUMENT-IDENTIFIER: US 6370325 B2

TITLE: Optical disc recording apparatus, computer-readable recording medium recording a file management program, and optical disc

DATE-ISSUED: April 9, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nakatani; Tokuo	Ibaraki			JP
Gotoh; Yoshiho	Osaka			JP
Tamakoshi; Yasushi	Hirakata			JP
Kato; Hiroshi	Kasuga			JP
Okada; Tomoyuki	Katano			JP
Murase; Kaoru	Ikoma-gun			JP

US-CL-CURRENT: 386/126; 386/125, 386/70[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#)**4. Document ID: US 6353704 B1**

L11: Entry 4 of 7

File: USPT

Mar 5, 2002

US-PAT-NO: 6353704

DOCUMENT-IDENTIFIER: US 6353704 B1

TITLE: Optical disc recording apparatus, computer-readable recording medium recording a file management program, and optical disc

DATE-ISSUED: March 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nakatani; Tokuo	Ibaraki			JP
Gotoh; Yoshiho	Osaka			JP
Tamakoshi; Yasushi	Hirakata			JP
Kato; Hiroshi	Kasuga			JP
Okada; Tomoyuki	Katano			JP
Murase; Kaoru	Ikoma-gun			JP

US-CL-CURRENT: 386/126; 386/125, 386/70[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#)

5. Document ID: US 6285827 B1

L11: Entry 5 of 7

File: USPT

Sep 4, 2001

US-PAT-NO: 6285827

DOCUMENT-IDENTIFIER: US 6285827 B1

** See image for Certificate of Correction **

TITLE: Optical disc recording apparatus, computer-readable recording medium recording a file management program, and optical disc

DATE-ISSUED: September 4, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nakatani; Tokuo	Ibaraki			JP
Gotoh; Yoshiho	Osaka			JP
Tamakoshi; Yasushi	Hirakata			JP
Kato; Hiroshi	Kasuga			JP
Okada; Tomoyuki	Katano			JP
Murase; Kaoru	Ikoma-gun			JP

US-CL-CURRENT: 386/126; 386/128, 386/70[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[RMC](#) [Draw. Desc](#) [Image](#)

6. Document ID: US 6118924 A

L11: Entry 6 of 7

File: USPT

Sep 12, 2000

US-PAT-NO: 6118924

DOCUMENT-IDENTIFIER: US 6118924 A

** See image for Certificate of Correction **

TITLE: Optical disc recording apparatus computer-readable recording medium recording a file management program, and optical disc

DATE-ISSUED: September 12, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nakatani; Tokuo	Ibaraki			JP
Gotoh; Yoshiho	Osaka			JP
Tamakoshi; Yasushi	Hirakata			JP
Kato; Hiroshi	Kasuga			JP
Okada; Tomoyuki	Katano			JP
Murase; Kaoru	Ikoma-gun			JP

US-CL-CURRENT: 386/70; 386/125, 386/126[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[RMC](#) [Draw. Desc](#) [Image](#)

7. Document ID: US 4791623 A

L11: Entry 7 of 7

File: USPT

Dec 13, 1988

US-PAT-NO: 4791623

DOCUMENT-IDENTIFIER: US 4791623 A

** See image for Certificate of Correction **

TITLE: File management system for use in an optical data storage system

DATE-ISSUED: December 13, 1988

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Deiotte; Charles E.	Colorado Springs	CO		

US-CL-CURRENT: 369/59.25; 360/48, 369/53.21[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [RNMC](#) [Print Desc](#) [Image](#)[Generate Collection](#)[Print](#)

Term	Documents
FILE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	237150
FILES.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	93545
ADDRESS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	519662
ADDRESSES.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	214991
(10 AND (FILE NEAR5 ADDRESS)).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	7
(L10 AND (FILE NEAR5 ADDRESS)).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	7

Display Format:[Change Format](#)[Previous Page](#)[Next Page](#)

WEST

[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 2 of 2 returned.****□ 1. Document ID: US 5832526 A**

L21: Entry 1 of 2

File: USPT

Nov 3, 1998

US-PAT-NO: 5832526

DOCUMENT-IDENTIFIER: US 5832526 A

TITLE: Method and apparatus using slack area of file storage structures for file reconstruction

DATE-ISSUED: November 3, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schuyler; David E.	Duarte	CA		

US-CL-CURRENT: 707/205; 707/200, 707/202, 707/206, 711/173, 714/5[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#)**□ 2. Document ID: US 5778392 A**

L21: Entry 2 of 2

File: USPT

Jul 7, 1998

US-PAT-NO: 5778392

DOCUMENT-IDENTIFIER: US 5778392 A

TITLE: Opportunistic tile-pulling, vacancy-filling method and apparatus for file-structure reorganization

DATE-ISSUED: July 7, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Stockman; Steven	Los Angeles	CA		
Blackburn; John	Manhattan Beach	CA		

US-CL-CURRENT: 707/205; 707/200[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#)[Generate Collection](#)[Print](#)